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A N N U A L
R E P O R T

of the

MEDICAL OFFICER OF HEALTH

For the Year 1941.
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Town Hall,
NEW MILLS.
Nr. Stockport.

November 1941.

The chief occupations of the inhabitants are textile, weaving and calico printing, paper making and metal working. These works have closed owing to trade conditions, employment has been available in surrounding areas.

Extracts from Vital Statistics of the Year.

| | <u>Total:</u> | <u>M.</u> | <u>F.</u> |
|---|---------------|-----------|-----------|
| (Legitimate... .. | 107 | 59 | 48 |
| Live Births | | | |
| (Illegitimate. | 6 | 4 | 2 |
| Birth rate per 1,000 of estimated resident population (mid 1941), 13.376. | | | |

| | <u>Total.</u> | <u>M.</u> | <u>F.</u> |
|--|---------------|-----------|-----------|
| (Legitimate | 1 | 1 | - |
| Still Births (| | | |
| (Illegitimate... .. | 1 | - | 1 |
| Rate per 1,000 total (live and still) births... .. 17.391. | | | |

DEATHS.

Death rate per 1,000 of estimated population - 13.139.

Deaths from Puerperal Causes - 0.

Rate per 1,000 total (live and still births)- 0.

DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE.

| | |
|---|--------|
| All infants per 1,000 live births... .. | 43.103 |
| Legitimate infants per 1,000 legitimate live births... .. | 45.454 |
| Illegitimate infants per 1,000 illegitimate live births ... | 0 |
| Deaths from Cancer (all ages). | 8 |
| Deaths from Measles (all ages) | 0 |
| Deaths from Whooping Cough (all ages) | 0 |
| Deaths from Diarrhoea (under 2 years of age) | 0 |

SECTION B - GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA.

Laboratory facilities are available at Laboratories of the Derbyshire County Council at Derby.

AMBULANCE FACILITIES.

Infectious Diseases.

One Ambulance provided by the Isolation Hospital at Chinley.

Non-Infectious Cases and Maternity Cases.

Two Ambulance vehicles and one driver maintained by Voluntary Public Subscriptions.

SECTION C - SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

36 samples were taken at various points from the source to the consumer and were examined bacteriologically. Of these, 20 were unsatisfactory and 16 were satisfactory. Of samples taken from the consumer's taps, 10 in all, six were unsatisfactory. 3 samples were taken from consumer's taps after chlorination had been in operation and of these 2 were satisfactory.

9 samples were examined chemically, the results showing no organic pollution, but in 7 samples iron was present and in one sample lead was present.

2 Bacterial examinations of the Water at Gow Hole were both found satisfactory.

Samples taken from the rising main at the pump house were good, as also was one sample taken at the Reservoir end of the rising main to Ball Beard Reservoir. One sample taken from the end of the rising main to the Lowleighton Reservoir was unsatisfactory. Therefore pollution had occurred in the rising main to this Reservoir only. Samples from the outlets to the filters have frequently been unsatisfactory and it is hoped that work done on the filters since these samples were taken, will considerably improve the quality of the supply.

One sample taken at a house in Woodbourne Road (Stockport Corporation Water Supply) proved satisfactory on bacteriological examination.

A table of results of the Water Examinations is appended. It will be noted in this table of results, that:

- (1) The water from Gow Hole is bacteriologically pure but contains iron to an undesirable extent.
- (2) Pollution of the supply arises from the surface gathering grounds and the rising main to the Lowleighton supply.
- (3) This pollution the filters have not invariably removed, and it thus reaches the mains and ultimately the consumer.
- (4) The presence of lead in the Morlands supply was found on the one occasion on which this supply was examined.

From November 14th, Chlorinating apparatus was available at the Lowleighton Filter House for the chlorination of both the Ball Beard and Lowleighton supplies.

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DRAINAGE AND SEWAGE.


No alterations or extensions have taken place during the year.

RIVERS AND STREAMS.

Pollution is controlled by the appropriate Authorities.

SWIMMING BATHS AND POOLS.

There are no Swimming Baths in the area.



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TABLE OF RESULTS OF BACTERIOLOGICAL AND CHEMICAL EXAMINATIONS
OF WATER DURING THE YEAR 1941.

X = Satisfactory; — = Unsatisfactory,
according to the standards recommended by the
Ministry of Health.

| <u>Date - 1941</u> | January 14th | February 4th | April 8th | July 15th | August 19th | November 18th | December 16th |
|--|-----------------|-----------------|----------------|--------------|----------------|------------------|-----------------------|
| Weather conditions before sampling. | Mainly fair | Mainly fair | Slight rain | Fine | Very Wet | Wet | Occasion- al rain. |
| Gow Hole | X Iron | X | | | | | |
| Pump House | X Iron | X | | | | | |
| Rising Main at Ball Beard Reservoir | | X | | | | | |
| Rising main at Lowleighton Reservoir | | --- | | | | | |
| Inlet - Ball Beard Filters | --- | --- | | | --- | | |
| Outlet - Ball Beard Filters | X | X | | | --- | --- | X Iron |
| 68, Buxton Road | | | X | --- | | | X |
| 12, Buxton Road | | | | | --- | | |
| 33, Hall Street | | | | | | X | |
| Co-op. Dairy, Albion Road | | | | | | X | |
| Inlet - Lowleighton Filters ø | --- | --- | | | --- | | |
| Outlet - Lowleighton Filters | | X | | | --- | --- | --- |
| 20, High Street | | | | | --- | | --- |
| Hague Bar School | | | X | --- | | --- | --- |
| Watford Lodge | | | X | | | | |
| Spinnterbottom | | | | | --- | | |
| Woodbourne Road, Stockport Supply | | | | X | | | |

ø = Contamination with organic matter to a small extent of animal origin,
but mainly of vegetable origin.

CLOSET ACCOMMODATION.

There has been one conversion to the water carriage system.
Number of closets of each type remaining at the end of the year 1941:-

| | | | | | | |
|------------------------|-----|-----|-----|-----|-----|-------|
| Water Closets... | ... | ... | ... | ... | ... | 1,333 |
| Waste Water Closets... | ... | ... | ... | ... | ... | 524 |
| Pail Closets ... | ... | ... | ... | ... | ... | 36 |
| Privy-middens... | ... | ... | ... | ... | ... | 26 |

SANITARY INSPECTOR'S REPORT.

SANITARY INSPECTION OF THE AREA.

- The Sanitary Inspector's Report is appended.
- (a) 239 inspections were made of dairies, houses, slaughter-houses, sanitary arrangements, water supplies etc.
 - (b) 24 informal Notices were served.
 - (c) 256 nuisances were abated with or without notices.

SCHOOLS.

The sanitary condition of the schools was satisfactory.

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SECTION D - HOUSING.

This is in abeyance.

ADMINISTRATION OF FACTORIES ACT, 1937.

Various inspections have been made during the year.

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SECTION E - INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.

90 milk samples were taken for Bacteriological examination for Tubercle Bacilli. 3 samples contained Tubercle Bacilli and as a result of this sampling, 10 cows were slaughtered under the Tuberculosis Order, 1925.

MEAT AND OTHER FOODS.

The Meat Inspector reports as follows:-

During the year, the following carcasses were killed in the Slaughterhouse at New Mills:-

| | <u>Cattle</u> <u>including</u> <u>Cows:</u> | <u>Calves:</u> | <u>Sheep</u> <u>and</u> <u>Lambs:</u> | <u>Pigs:</u> |
|---|---|----------------|---|--------------|
| Number killed... | 1,025 | 210 | 3,628 | 230 |
| Number inspected ... | 1,025 | 210 | 3,628 | 230 |
| <u>TUBERCULOSIS:-</u> | | | | |
| Whole carcasses condemned... | 41 (cows) | | | 3 |
| Carcasses of which some part or organ was condemned ... | 121 (cows) | | | 4 |
| Percentage of the number inspected infected with Tuberculosis.. | 15.8 | | | 3.04 |

The above carcasses were examined in the Co-operative Slaughter-house, New Mills, now controlled by the Ministry of Food. This slaughter-house is the Central Slaughter-house for the Rural District of Chapel-en-le-Frith, and the Urban Districts of Whaley Bridge and New Mills and the Borough of Glossop.

The slaughter-houses, bakehouses, etc. were duly inspected and 313 lbs. of various foods were condemned by the Sanitary Inspector.

SECTION F. - PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

During the year 1941, there have been comparatively few notifiable infectious diseases. Only one case of Diphtheria was notified, this occurring in a person over school age who had not been immunised. There was only one case of Scarlet Fever. Measles and Whooping Cough show the highest figures of notifications. There were more cases of Whooping Cough this year (21) but fewer cases of Measles (43) than last year 1940 (132).

There were a number of cases of Chicken Pox late in the year according to notifications received from the schools.

Diphtheria Prophylaxis.

Every effort to increase the number of fully immunised children has been made during the year. This includes posters, forms of request for immunisation distributed at the schools and continual recommendation by the medical men of the district.

Immunisation has been carried out at the schools; at the First Aid Post with the help of the Staff and at the High Lee Hall Clinic. A considerable number have been carried out by the local doctors at their own surgeries.

The results of the efforts have been encouraging, especially among the children of school age (5-15), a total of 676 having been immunised. Of the children of pre-school age, the results are somewhat disappointing, a total of 50 only having been immunised.

It is realised that to be effective, at least 75% of children of all ages should be immunised and as the greatest danger to children occurs at the early School ages, more children under 5 should be protected, so that they are immune when they commence school.

On September 30th, 1941, within the area of the New Mills Urban District Council, 56% of the children of the ages 5-15 and 17% of children under 5 had been immunised. It was decided to increase the efforts to improve the figures relating to children of pre-school age and to try and persuade parents of children who attend the Welfare Centre at the High Lee Hall Clinic to have their children immunised at the Centre after they have reached the age of one year.

I should like to bring to the notice of the Council the very great help which has been afforded to me by the headmasters and headmistresses of the Schools. Without their help we could not have accomplished these results. I should also like to thank Dr. Ash for placing at my disposal the services of Nurse Fitzmaurice of the Derbyshire County Council staff who has given me invaluable help.

Children living permanently or temporarily in the District
immunised during the year 1941.

| | <u>Age: Under 5:</u> | <u>Age: 5 but under 15:</u> |
|---------------------------------|----------------------|-----------------------------|
| At the School, First Aid Post) | | |
| and Clinic.) | 50 | 509 |
| By their own Doctor) | | 167 |

When it has been possible to classify the response of parents to the suggestion that their children should be immunised, it would appear that about 30% of the parents have been definitely unwilling to give their consent. There are however, indications that this number is diminishing and that more parents are now realising the undoubted value of the protection offered to their children.

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NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS)
DURING THE YEAR 1941.

| <u>Disease:</u> | <u>No. of cases notified:</u> | <u>Removed to Hospital:</u> | <u>Total Deaths:</u> |
|----------------------------|-------------------------------|-----------------------------|----------------------|
| Scarlet Fever. | 1 | 1 | 6 |
| Diphtheria. | 1 | 1 | |
| Puerperal Pyrexia. | 2 | 2 | |
| Cerebro-spinal fever . . . | 1 | 1 | |
| Pneumonia. | 5 | | |
| Measles. | 43 | | |
| Whooping Cough | 21 | | |

CASES OF NOTIFIABLE DISEASES AT VARYING AGES
DURING 1941.

AGE GROUPS.

| | <u>Under one year:</u> | 1- | 2- | 3- | 4- | 5- | 10- | 15- | 20- | 35- | 45- | 60- | <u>Total:</u> |
|---------------------------|------------------------|----|----|----|----|----|-----|-----|-----|-----|-----|-----|---------------|
| Scarlet Fever..... | | | | | | 1 | | | | | | | 1 |
| Diphtheria..... | | | | | | 1 | | | | | | | 1 |
| Puerperal Pyrexia. | | | | | | | | | 2 | | | | 2 |
| Pneumonia..... | 1 | | | | | 1 | | | 1 | 1 | 1 | | 5 |
| Measles..... | | 3 | | 5 | 4 | 12 | 12 | 5 | | 1 | 1 | | 43 |
| Whooping Cough.... | 1 | 2 | | 10 | 3 | 4 | 1 | | | | | | 21 |
| Cerebro-spinal Fever..... | | | | | | | | | | 1 | | | 1 |

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1941.

| AGE PERIODS: | New Cases | | | | Deaths | | | |
|--------------|-------------|----|-----------------|----|-------------|----|-----------------|----|
| | Respiratory | | Non-Respiratory | | Respiratory | | Non-Respiratory | |
| | M. | F. | M. | F. | M. | F. | M. | F. |
| 0 | | | | | | | | |
| 1 | | | | | | | | |
| 5 | | | 1 | | | | | |
| 15 | 1 | 1 | | | | | | |
| 25 | | | 1 | | | | | |
| 35 | | 1 | 1 | | | 1 | | |
| 45 | | 1 | | 1 | | | | |
| 55 | 1 | | | | | 1 | | |
| 65 and over | | | | | | | | |
| Totals..... | 2 | 3 | 3 | 1 | | 2 | | |

There were no non-notified Tuberculosis deaths.

The Death rate from Phthisis Pulmonalis was 0.237.

A comparison of the vital statistics with those of England and Wales is as follows:-

| | <u>Birth Rate:</u> | <u>General Death Rate:</u> | <u>Infantile Death Rate:</u> |
|------------------------|--------------------|----------------------------|------------------------------|
| England and Wales..... | 14.71 | 12.9 | 59 |
| New Mills..... | 13.376 | 13.139 | 43.103 |

Your obedient Servant,

R. S. Williams

Medical Officer of Health.

ANNUAL REPORT OF SANITARY INSPECTOR.

New Mills Sanitary District, 1941.

Name of Inspector - JOHN A. THOMPSON.

Area of District. 5,204 acres.
Estimated No. of Houses 2,570.
New Houses erected 1941
 (a) by Local Authority. 0.
 (b) by Private enterprise 0.

| | Number of Inspections made by Sanitary Inspector. | Number of Notices served | | Number of Nuisances abated with or without Notice. |
|---|--|-----------------------------|-------|---|
| | | Informal | Legal | |
| <u>CLOSETS AND ASHPITS.</u> | | | | |
| Conversions of Pail Closets into W.C.'s. | 1 | | | 1 |
| Defective Water Closets..... | 34 | 7 | | 34 |
| Provision of addition- al Water Closets.... | 3 | | | 1 |
| Provision of Portable Ashbins..... | | | | 103 |
| <u>DRAINAGE.</u> | | | | |
| Defective Waste Pipe,) Traps, Inlets and) Drains.....) | 148 | 10 | | 103 |
| Drains Obstructed....) | | | | |
| <u>OTHER DEFECTS.</u> | | | | |
| Roofs, Eaves-Spouts and Down-Spouts..... | 7 | 3 | | 7 |
| Windows..... | 3 | 3 | | 3 |
| Water in Cellars..... | 1 | | | 1 |
| Water Supply..... | 3 | | | 1 |
| Foul Condition of Houses..... | 1 | | | 1 |
| Smoke Nuisances..... | 1 | 1 | | 1 |
| Totals..... | 202 | 24 | | 256 |

| | Number on Register. | Inspections made. | Notices served. | Nuisances abated with or without Notices. |
|---|------------------------|----------------------|--------------------|--|
| Dairies, Cowsheds and Milkshops..... | 85 | 20 | - | - |
| Bakehouses..... | 13 | 15 | - | - |
| Slaughterhouses..... | 7 | - | - | - |
| Offensive Trades..... | 2 | 2 | - | - |
| Common Lodging-houses..... | 1 | - | - | - |
| Totals..... | 108 | 37 | - | - |

John A. Thompson

